

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 62069

Application ID: 10709907



Title of Invention: FORMATION OF METAL-  
INSULATOR-METAL CAPACITOR  
SIMULTANEOUSLY WITH  
ALUMINUM METAL WIRING LEVEL  
USING A HARDMASK

First Named Inventor: Douglas Coolbaugh

Domestic/Foreign Application: Domestic Application

Filing Date: 2004-06-04

Effective Receipt Date: 2004-06-04

Submission Type: Utility Patent Filing

Filing Type: new-utility

Confirmation number: 3906

Attorney Docket Number: BUR920040156US1

Total Fees Authorized: 1040.0

Payment Category: Deposit Account

Deposit Account Number: 90456

Deposit Account Name: Anthony J. Canale

RAM Payment Status: RAM has not been processed

Digital Certificate Holder: cn=Anthony J. Canale,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 7484e778ce91261b728ee54257758d4387114805

**FEE TRANSMITTAL**

Electronic Version v08

Stylesheet Version v08.0

**Title of  
Invention****FORMATION OF METAL-INSULATOR-METAL CAPACITOR  
SIMULTANEOUSLY WITH ALUMINUM METAL WIRING LEVEL  
USING A HARDMASK**

Application Number:

Date:

First Named Applicant: Douglas D. Coolbaugh

Attorney Docket Number: BUR920040156US1

**TOTAL FEE AUTHORIZED \$1040**

Patent fees are subject to annual revisions on or about October 1st of each year.

Filing as large entity

**BASIC FILING FEE**

Fee Description	Fee Code	Amount \$	Fee Paid \$
Utility Filing Fee	1001	770	770
Subtotal For Basic Filing Fee: \$770			

**EXTRA CLAIM FEES**

Fee Description	Extra Claims	Fee Code	Amount \$	Fee Paid \$
Total Claims: 28	8	1202	18	144
Independent Claims: 4	1	1201	86	86
Subtotal For Extra Claims Fees: \$ 230				

**ASSIGNMENT FEES**

Fee Description	Property Number	Quantity	Fee Code	Amount \$	Fee Paid \$
Recording Each Patent	00000000	1	8021	40	40

Assignment Per Property Fee					
Subtotal For Additional Fees: \$40					

**AUTHORIZED BILLING INFORMATION**

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 090456

Deposit name: International Business Machines Corporation

Deposit authorized name: Anthony J. Canale

Signature: /Anthony J. CANALE, Reg#51,526/

Date (YYYYMMDD): 2004-06-04

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

06/07/2004 GWORDOF1 00000051 090456 10709907

01 FC:1001	770.00 DA
02 FC:1201	86.00 DA
03 FC:1202	144.00 DA

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